

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Access DB#

1048

7 A35

Requester's Full Name: Christopher Kent Examiner #: 70634 Date: 8/30/2000  
 Art Unit: 3635 Phone Number 301-2447 Serial Number: 09/481,153  
 Mail Box and Bldg/Room Location: PK5-7A35 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please provide a Litigation Search for 5,732,523  
~~08/654,730~~

Thanks,  
 [Signature]

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	Type of Search	Vendors and cost where applicable
Searcher: <u>KNE</u>	NA Sequence (#) _____	STN _____
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Date Completed: <u>8/24/00</u>	Litigation <u>✓ 3281</u>	Lexis/Nexis <u>✓</u>
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Selected file: CRXX

CRXX (CLAIMS Current Legal Status)

Legal Status actions current thru August 15, 2000 (2000-33/UP)

Reassignment data current as of April 13, 2000.

For info on technical content on this file, enter: INFO CRXX

Selected file: LGST

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for further information on technical content of this database,

type ..INFO PAST

Cluster : LEGAL

Databases : LITA, CRXX, LGST, PAST

Search statement 1

?us5732523/pn

Term not in index/PN-LITA : US5732523

LITA	0
CRXX	1
LGST	1
PAST	1

\*\* .SS 1 : Results 3

Search statement 2

?prt max 1-3 nonstop

1/3 CRXX (1/1) - (C) CLAIMS/RRX

AN - 2958736

PN - 5,732,523 A 19980331 [US5732523]

PA - Advanced Ind and Marine Services

PT - M (Mechanical)

ACT - 20000112 REISSUE REQUESTED

Issue Date of O.G.: 20000516

Reissue Request Number: 09/481153

Examination Group responsible for Reissue process: 3621

UP - 2000-20

UACT- 2000-05-16

2/3 LGST (1/1) - (C) LEGSTAT

PN - US 5732523 [US5732523]

AP - US 654730/96 19960529 [1996US-0654730]

DT - US-P

ACT - 19960529 US/AE-A

APPLICATION DATA (PATENT)

{US 654730/96 19960529 [1996US-0654730]}

- 19960529 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

ADVANCED INDUSTRIAL & MARINE SERVICES 1207 HUNTERS PARK WAY HOUSTON,

TEXAS 77055 \* MASTERS, RODNEY H. : 19960522; HAAS, MICHAEL T. :

19960522

- 19980331 US/A

PATENT

- 20000516 US/RF

REISSUE APPLICATION FILED

20000112

UP - 2000-22  
3/3 PAST (1/1) - (C) PAST  
AN - 200020-001190  
PN - 5732523 A [US5732523]  
DT - A (UTILITY)  
OG - 2000-05-16 -  
CO - REA  
ACT - REISSUE APPLICATION FILED  
SH - REISSUE APPLICATION FILED

I - QUESTEL.ORBIT IMAGES Gif/Tiff  
M - MERGED MARKUSH SERVICE (MMS)  
D - DARC ONLINE  
Q - QUESTEL.ORBIT (TTY/ASCII terminals)

C - Change your mode to 8 BITS /CZ - Change to 8 bits and ZMODEM  
X - EXIT

Choice / Choix ? x

Connection closed by remote host  
Trying 3106010271...Open

QUESTEL  
Current host setting :7 BITS - KERMIT protocol  
Mode actif du serveur :7 BITS - protocole KERMIT

I - QUESTEL.ORBIT IMAGES Gif/Tiff  
M - MERGED MARKUSH SERVICE (MMS)  
D - DARC ONLINE  
Q - QUESTEL.ORBIT (TTY/ASCII terminals)

C - Change your mode to 8 BITS /CZ - Change to 8 bits and ZMODEM  
X - EXIT

Choice / Choix ? Q

Logon ? sdcdcpsf

Enter your password / Mot de passe ? (C) QUESTEL 1994  
QUESTEL.ORBIT (TM) 1998 30/08/00 16\*23\*38  
Last connection: 30/08/00 16\*21\*34

- WELCOME TO A NEW UNIQUE SERVICE, SEE INFO NEWQO  
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- NEW : PATENT DOCUMENT DELIVERY, see (...)INFO PDS  
- New prices trademarks databases, (...)INFO MARKSPRICES  
- NEWS on Derwent Information : see (...)INFO NEW-DWPI  
- ANNOUNCING THE RELEASE OF USPAT FULLTEXT, SEE INFO USPAT

C - Change your mode to 8 BITS /CZ - Change to 8 bits and ZMODEM  
X - EXIT

Choice / Choix ? x

Connection closed by remote host

Logging in to Dialog

Trying 3106900061...Open

DIALOG INFORMATION SERVICES  
PLEASE LOGON:

\*\*\*\*\*  
ENTER PASSWORD:  
t1m0gmvj  
\*\*\*\*\*

Welcome to DIALOG

Dialog leel 00.07.20D

Lat logoff: 29ag00 12:03:03  
Logon file405 30ag00 09:30:18  
\*\*\* ANNOUNCEMENT \*\*\*  
NEW FILE RELEASED  
\*\*\*Pro Science Dail Eential (File 458, 459)\*\*\*  
\*\*\*\*\*WIPO/PCT Patent Flltext (File 349)

UPDATING RESUMED  
\*\*\*Datamonitor Market Research (File 761)\*\*\*  
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\*\*\*Fort Worth Star-Telegram (File 427)\*\*\*  
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\*\*\*\*\*D&B International Dn' Market Identifier (File 518)  
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1/39/1  
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
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14269103  
Basic Patent (No,Kind,Date): US 5732523 A 19980331 <No. of Patents: 004>  
Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
AU 9928763	A1	19991018	AU 9928763	A	19990225	
US 5732523	A	19980331	US 654730	A	19960529	(BASIC)
US 5911664	A	19990615	US 49265	A	19980327	
WO 9949147	A1	19990930	WO 99US4044	A	19990225	

Priority Data (No,Kind,Date):  
US 49265 A 19980327  
WO 99US4044 W 19990225  
US 654730 A 19960529  
US 654730 A2 19960529

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9928763 A1 19991018  
FASTENING SYSTEM FOR SECURING COMPOSITE GRATINGS TO STRUCTURAL MEMBERS  
(English)  
Patent Assignee: ADVANCED IND & MARINE SERVICES  
Author (Inventor): MASTERS RODNEY H; HAAS MICHAEL T  
Priority (No,Kind,Date): US 49265 A 19980327; WO 99US4044 W  
19990225  
Applic (No,Kind,Date): AU 9928763 A 19990225  
IPC: \* E04B-001/38; E04C-002/42  
Derwent WPI Acc No: \* G 99-357086  
Language of Document: English

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5732523 A 19980331  
SYSTEM FOR SECURING COMPOSITE GRATINGS TO STRUCTURAL MEMBERS (English)  
Patent Assignee: ADVANCED IND & MARINE SERVICES (US)  
Author (Inventor): MASTERS RODNEY H (US); HAAS MICHAEL T (US)  
Priority (No,Kind,Date): US 654730 A 19960529  
Applic (No,Kind,Date): US 654730 A 19960529  
National Class: \* 052698000; 052460000; 052507000; 052584100;  
052656800; 052664000; 052712000; 052764000; 052775000; 052777000  
IPC: \* E04B-001/38; E04C-002/42

Derwent WPI Acc No: \* G 98-229315; G 98-229315  
Language of Document: English  
Patent (No,Kind,Date): US 5911664 A 19990615  
FASTENING SYSTEM FOR SECURING COMPOSITE GRATINGS TO STRUCTURAL MEMBERS  
(English)  
Patent Assignee: ADVANCED IND & MARINE SERVICES (US)  
Author (Inventor): MASTERS RODNEY H (US); HAAS MICHAEL T (US)  
Priority (No,Kind,Date): US 49265 A 19980327; US 654730 A2  
19960529  
Applic (No,Kind,Date): US 49265 A 19980327  
Addnl Info: 5732523 Patented  
National Class: \* 052698000; 052460000; 052507000; 052581000;  
052584100; 052656800; 052664000; 052712000; 052761000; 052764000;  
052775000; 292256000; 403364000  
IPC: \* E04B-001/38; E04C-002/42  
Derwent WPI Acc No: ; G 99-357086  
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5732523	P	19960529	US AE	APPLICATION DATA (PATENT)
				(APPL. DATA (PATENT))
			US 654730 A	19960529
US 5732523	P	19960529	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST ADVANCED INDUSTRIAL & MARINE SERVICES 1207 HUNTERS PARK WAY HOUSTON, TEXAS 77055 ; MASTERS, RODNEY H. : 19960522; HAAS, MICHAEL T. : 19960522
US 5732523	P	19980331	US A	PATENT
US 5732523	P	20000516	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED) 20000112
US 5911664	P	19960529	US AA	PRIORITY
			US 654730 A2	19960529
US 5911664	P	19980327	US AE	APPLICATION DATA (PATENT)
				(APPL. DATA (PATENT))
			US 49265 A	19980327
US 5911664	P	19980624	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST ADVANCED INDUSTRIAL & MARINE SERVICES 15730 SELLERS ROAD HOUSTON, TEXAS 77060 ; MASTERS, RODNEY H. : 19980602; HAAS, MICHAEL T. : 19980602
US 5911664	P	19990615	US A	PATENT

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9949147 A1 19990930

FASTENING SYSTEM FOR SECURING COMPOSITE GRATINGS TO STRUCTURAL MEMBERS  
(English)

Patent Assignee: ADVANCED IND & MARINE SERVICES (US)

Author (Inventor): MASTERS RODNEY H; HAAS MICHAEL T

Priority (No,Kind,Date): US 49265 A 19980327

Applic (No,Kind,Date): WO 99US4044 A 19990225

Designated States: (National) AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY;  
CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU;  
ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV;  
MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK;  
SL; TJ; TM; TR; TT; UA; UG; UZ; VN; YU; ZW (Regional) GH; GM; KE;  
LS; MW; SD; SL; SZ; UG; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;  
BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE;  
BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

Filing Details: WO 100000 With international search report

IPC: \* E04B-001/38; E04C-002/42

Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):

WO 9949147	P	19980327	WO AA	PRIORITY (PATENT)
			US 49265 A	19980327
WO 9949147	P	19990225	WO AE	APPLICATION DATA (APPL. DATA)
			WO 99US4044 A	19990225
WO 9949147	P	19990930	WO AK	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ  
 DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN  
 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
 MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI  
 SK SL TJ TM TR TT UA UG UZ VN YU ZW

WO 9949147 P 19990930 WO AL DESIGNATED COUNTRIES FOR  
 REGIONAL PATENTS CITED IN A PUBLISHED  
 APPLICATION WITH SEARCH REPORT (DESIGNATED  
 COUNTRIES FOR REGIONAL PATENTS CITED IN A  
 PUBLISHED APPL. WITH SEARCH REPORT)  
 GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ  
 MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR  
 IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
 GW ML MR NE SN TD TG

WO 9949147 P 19990930 WO A1 PUBLICATION OF THE  
 INTERNATIONAL APPLICATION WITH THE  
 INTERNATIONAL SEARCH REPORT (PUB. OF THE  
 INTERNATIONAL APPL. WITH THE INTERNATIONAL  
 SEARCH REPORT)

WO 9949147 P 19991201 WO 121 EP: PCT APP. ART. 158 (1)  
 (EP: PCT ANM. ART. 158 (1))

WO 9949147 P 20000113 WO DFPE REQUEST FOR PRELIMINARY  
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<-----Area of Law-----> Medical>

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PTOMNI 1 FEDCTS, PTO, ITC, ALLREG  
CASES 1 FEDCTS, PTO & ITC  
FEDCTS 2 Patent cases from Fed. Cts.  
CCPA 2 Ct Customs & Patent Appeals  
CAFC 2 Patent cases from Fed. Cir.  
PTO 2 PATAPP & COMMR

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IPLR 5 Intell Prop Law Rev Articles

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ALL 4 UTIL, DESIGN, PLANT, SIR,  
REEXAM & REISS  
ALLPAT 4 Comb. ALL & INTPAT  
<-----U.S. PATENTS----->  
UTIL 4 Full Text Patents from 1971\*  
DESIGN 4 Full Text Patents from 1976  
PLANT 4 Full Text Patents from 1976

JNLS

News; cwrnvs

\* Selected coverage 1/15/71 to 12/3/74

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PATNO=5732523

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For further explanation, press the H key (for HELP) and then the TRANSMIT key.

>>>

LEVEL 1 - 1 OF 1 PATENT

<5,732,523>

<=> GET 1st DRAWING SHEET OF 4

Mar. 31, 1998

System for securing composite gratings to structural members

REISSUE: Reissue Application filed Jan. 12, 2000 (O.G. May 16, 2000) Ex. Gp.:  
3621; Re. S.N. 09/481,153

CORE TERMS: grating, fastener, bolt, sheet, bottom plate, wave, transverse,  
walkway, nut, sidewall...

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5,732,523 OR 5732523

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5,732,523 OR 5732523

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